#### PENNIE & EDMONDS up DOCKET NO. 8183-019-999



#### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

and for which a patent application:

Ç

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### SCALABLE AND EMBEDDED CODEC FOR SPEECH AND AUDIO SIGNALS

	is attached hereto and includes amendment(s	) filed on (if applicable)		
X,	was filed in the United States on September	r 23, 1998 as Application No.	09/159,481 (for declaration not acco	mpanying opplication)
	th amendment(s) filed on (if upp			
X.	was filed as PCT international Application N	lo. <u>PCT/US98/19858</u> on <u>S</u>	September 23, 1998 and was	s amended under PCT Article 19 of
	(if applicable)			
	nereby state that I have reviewed and under tendment referred to above.	rstand the contents of the above	identified application, includi	ng the claims, as amended by an
	cknowledge the duty to disclose information .56.	n known to me to be material to	patentability as defined in Titl	e 37, Code of Federal Regulations
cer	nereby claim foreign priority benefits under tificate listed below and have also identified plication on which priority is claimed:			
	EARLIEST FOREIGN APPLICATION(S)	), IF ANY, FILED PRIOR TO TH	E FILING DATE OF THE APP	PLICATION
	APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
				YES □ NO □
		·		YES (T. NO (T.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
60/059,610	September 23, 1997
60/070,567	January 6, 1998

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

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(1)

SEND CORRESPONDENCE TO: PENNIE & EDMONDS LLP
1155 AVENUE OF THE AMERICAS
NEW YORK, N.Y. 10036-2711

DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS LLP DOCKETING
(212) 790-2803

		NEW YORK, N.Y. 10036	-2711 (212) 790-28	303	
2 0	FULL NAME OF INVENTOR	Aguilar	Joseph .	MIDDLE NAME  Gerard	
1	RESIDENCE & CITIZENSHIP	CITY Lawrenceville	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.	<del></del>
	POST OFFICE ADDRESS	STREET 1213 Jamie Brooks Lane	crry  Lawrenceville	STATE OR COUNTRY ZIP CODE New Jersey 08648	
2 0 2	FULL NAME OF INVENTOR	LAST NAME  Campana	FIRST NAME  David	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	спу Princeton	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 24 Caraway Court	спу Princeton	STATE OR COUNTRY ZIP CODE New Jersey 08540	
2 0 3	FULL NAME OF INVENTOR	Chen	Raymond)	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	стту Bell Meade	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET 69 Hills Drive	crry Bell Meade	STATE OR COUNTRY ZIP CODE New Jersey 08502	
2 0 4	FULL NAME OF INVENTOR	LAST NAME Dunn	FIRST NAME Robert	B.	
	RESIDENCE & CITIZENSHIP	CITY . Quincy	STATE OR FOREIGN COUNTRY  Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 15 Neponset Road	CITY . Quincy	STATE OR COUNTRY ZIP CODE  Massachusetts 02169	
2 0 5	FULL NAME OF INVENTOR	LAST NAME McAulay	FIRST NAME Robert	MIDDLE NAME  J.	
	RESIDENCE & CITIZENSHIP	спу Lexington	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 4 Lexington Avenue	CITY Lexington	STATE OR COUNTRY ZIP CODE Massachusetts 02173	
2 0 6	FULL NAME OF INVENTOR	Sun	FIRST NAME Xiaoquin	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	спу Plainsboro	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET  26-12 Pheasant Hollow Drive	crry Plainsboro	STATE OR COUNTRY ZIP CODE New Jersey 08536	
2 0 7	FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Wei	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	crry Plainsboro	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET 10 Pond View Drive	CITY Plainsboro	STATE OR COUNTRY ZIP CODE New Jersey 08536	

### PENNIE & EDMONDS up DOCKET NO. 8183-019-999

2 0 8	FULL NAME OF INVENTOR	LAST NAME Watkins	FIRST NAME Craig	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	crry Hamilton QLD	STATE OR FOREIGN COUNTRY Australia	COUNTRY OF CITIZENSE Australia	HIP
	POST OFFICE ADDRESS	STREET 45 Killara Avenue	CITY Hamilton QLD	STATE OR COUNTRY Australia	ZIP CODE 4007
2 0 9	FULL NAME OF INVENTOR ;	LAST NAME Zopf	FIRST NAME Robert	MIDDLE NAME W.	
	RESIDENCE & CITIZENSHIP	спү Lawrenceville	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSH	НP
	POST OFFICE ADDRESS	STREET 7322 Town Court South	спү Lawrenceville	STATE OR COUNTRY New Jersey	ZIP CODE 08648

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
Gerard Aguilar	David A. Canypana ga	Juin-Alwey Chon Juin Hwel (Raymond Chen
DATE / /	DATE	DATE
1/14/98	1-8-99	1-11-99
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
Robert B. Dunn	Robert J. McAulay	Xiaoquin Sun
DATE	DATE	DATE
		1/8/99
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	SIGNATURE OF INVENTOR 209
Wei Wang	Craig Watkins	Robert W. Zopf
L/8/99	DATE	1/8/99

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As as Application No. 09/159,481 (for declaration not accompanying application) with amendment(s) filed on (if applicable)
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I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by an amendment referred to above.
l acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.
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EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION					
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED		
			YES □ NO □		
			YES □ NO □		

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SEND CORRESPONDENCE TO:

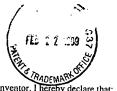
PENNIE & EDMONDS LP 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711 DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS <sub>LLP</sub> DOCKETING (212) 790-2803

	<del></del>	NEW YORK, N.Y. 10036-2	2711 (212) 790-28	.03	
2 0	FULL NAME OF INVENTOR	Aguilar	Joseph	MIDDLE NAME Gerard	
i	RESIDENCE & CITIZENSHIP	crry Lawrenceville	STATE OR FOREIGN COUNTRY  New Jersey	COUNTRY OF CITIZENS U.S.A.	нір
	POST OFFICE ADDRESS	STREET 1213 Jamie Brooks Lane	crry Lawrenceville	STATE OR COUNTRY New Jersey	ZIP CODE 08648
2 0 2	FULL NAME OF INVENTOR	Campana	FIRST NAME David	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	стту Princeton	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENS U.S.A.	нгр
	POST OFFICE ADDRESS	STREET 24 Caraway Court	CITY Princeton	STATE OR COUNTRY New Jersey	ZIP CODE 08540
2 0 3	FULL NAME OF INVENTOR	Chen	Raymond	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Bell Meade	STATE OR FOREIGN COUNTRY  New Jersey	COUNTRY OF CITIZENS	НГР
	POST OFFICE ADDRESS	street 69 Hills Drive	спу Bell Meade	STATE OR COUNTRY New Jersey	ZIP CODE 08502
2 0 4	FULL NAME OF INVENTOR	LAST NAME Dunn	FIRST NAME Robert	MIDDLE NAME B.	
	RESIDENCE & CITIZENSHIP	CITY Quincy	STATE OR FOREIGN COUNTRY  Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 15 Neponset Road	CITY Quincy	STATE OR COUNTRY  Massachusetts	ZIP CODE 02169
2 0 5	FULL NAME OF INVENTOR	McAulay	FIRST NAME Robert	MIDDLE NAME  J.	
	RESIDENCE & CITIZENSHIP	crry Lexington	STATE OR FOREIGN COUNTRY  Massachusetts	COUNTRY OF CITIZENS U.S.A.	НІР
	POST OFFICE ADDRESS	STREET 4 Lexington Avenue	спу Lexington	STATE OR COUNTRY  Massachusetts	ZIP CODE 02173
2 0 6	FULL NAME OF INVENTOR	Sun	FIRST NAME Xiaoquin	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Plainsboro	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENS	НР
	POST OFFICE ADDRESS	street 26-12 Pheasant Hollow Drive	CITY Plainsboro	STATE OR COUNTRY New Jersey	ZIP CODE 08536
2 0 7	FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Wei	MIDDLE NAME	
,	RESIDENCE & CITIZENSHIP	crry Plainsboro	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENS	ЕНІР
		STREET	спу	STATE OR COUNTRY	ZIP CODE

2 0 8	FULL NAME OF INVENTOR	Watkins	FIRST NAME Craig	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	сттү Hamilton QLD	STATE OR FOREIGN COUNTRY  Australia	COUNTRY OF CITIZENSHIP Australia
	POST OFFICE ADDRESS	STREET 45 Killara Avenue	CITY Hamilton QLD	STATE OR COUNTRY ZIP CODE Australia 4007
2 0 9	FULL NAME OF INVENTOR	LAST NAME Zopf	FIRST NAME Robert	MIDDLE NAME W.
	RESIDENCE & CITIZENSHIP	спу Lawrenceville	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 7322 Town Court South	CITY  Lawrenceville	STATE OR COUNTRY ZIP CODE New Jersey 08648

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SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
•		
J. Gerard Aguilar	David A. Campana	Raymond Chen
DATE	DATE	DATE DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
Cobert B Dum	Robert John William	
Robert B. Dunn	Robert J. McAulay	Xiaoquin Sun
January 19,1999	January 19, 1999	DATE
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	SIGNATURE OF INVENTOR 209
		•
Wei Wang	Craig Watkins	Robert W. Zopf
DATE	DATE	DATE ROBERT W. Zopi



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APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
			YES 🗆 NO 🗆	
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	<del></del>	NEW YORK, N.Y. 100	36-2711 (212) 79	E & EDMONDS <sub>LLP</sub> DOCKETING 90-2803
_	FULL NAME OF INVENTOR	LAST NAME Aguilar	FIRST NAME Joseph	MIDDLE NAME
2 0 1			Тозерп	Gerard
	RESIDENCE & CITIZENSHIP	crry Lawrenceville	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 1213 Jamie Brooks Lane	CITY  Lawrenceville	STATE OR COUNTRY ZIP CODE New Jersey 08648
2	FULL NAME OF INVENTOR	Campana	FIRST NAME David	MIDDLE NAME A.
0	RESIDENCE &	спу	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	Princeton  STREET  24 Caraway Court	New Jersey  CITY  Princeton	U.S.A.  STATE OR COUNTRY ZIP CODE
2 0 3	FULL NAME OF INVENTOR	Chen	FIRST NAME Raymond	MIDDLE NAME
J	RESIDENCE & CITIZENSHIP	спү Bell Meade	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP China
	POST OFFICE ADDRESS	STREET 69 Hills Drive	crry Bell Meade	STATE OR COUNTRY ZIP CODE New Jersey 08502
2 0 4	FULL NAME OF INVENTOR	LAST NAME Dunn	FIRST NAME Robert	MIDDLE NAME B.
i	RESIDENCE & CITIZENSHIP	стту Quincy	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 15 Neponset Road	CITY Quincy	STATE OR COUNTRY ZIP CODE Massachusetts 02169
2 0 5	FULL NAME OF INVENTOR	LAST NAME McAulay	FIRST NAME Robert	MIDDLE NAME  J.
	RESIDENCE & CITIZENSHIP	CITY Lexington	STATE OR FOREIGN COUNTRY  Massachusetts	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	STREET 4 Lexington Avenue	CITY Lexington	STATE OR COUNTRY ZIP CODE  Massachusetts 02173
2	FULL NAME OF INVENTOR	Sun	FIRST NAME Xiaoquin	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	crry Plainsboro	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP China
	POST OFFICE ADDRESS	STREET 26-12 Pheasant Hollow Drive	crry Plainsboro	STATE OR COUNTRY ZIP CODE New Jersey 08536
	FULL NAME OF INVENTOR	Wang .	FIRST NAME Wei	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	crry Plainsboro	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	STREET 10 Pond View Drive	CITY Plainsboro	STATE OR COUNTRY ZIP CODE New Jersey 08536

2 0 8	FULL NAME OF INVENTOR	Watkins	FIRST NAME Craig	MIDDLE NAME	
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Robert B. Dunn	Robert J. McAulay	Xiaoquin Sun
SIGNATURE OF INVENTOR 207	SIGNATURE OF INVENTOR 208	SIGNATURE OF INVENTOR 209
	ang Water	
Wei Wang	Craig Watkins	Robert W. Zopf
DATE	25 TH JANUARY 1899	DATE

(3)